PENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPEN
PENPENPENPENP ENPENPE ENPENPE PENPE NPENPENPEN
PENPENPENPEN PENPEN PENPENP ENPENPENPENPENP ENP ENPENPENPEN
PENPENPENPE NPENPE NPENPEN ENPENPENPEN P N PENPENPENPEN
PENPENPENP PENPENPE NPENPENPENPENPE NPE NPENPENPENPEN
PENPENPEN PENPENPENPENPENP ENPENPENPENPENP ENPEN ENPENPENPENPEN
PENPENPE NPENPENPENPENPEN PENPEN PENPEN PENPENPENPENPEN
PENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPENPEN

No. 42 June 1993 Oppenheimer Software

copyright OPPENHEIMER SOFTWARE 1993

---

This is the forty second edition of the Periodic Electronic Newsletter (PEN) for MCI Mail users assigned to Oppenheimer Software (MCI Mail agency NY4). You may respond to the PEN by typing ANSWER at the COMMAND; line that appears after you read this. This mailbox (218-0241) is toll free - you may write to it as often as you wish, at no charge! (Please note that you may order a toll free mail box - contact Oppenheimer Software for more information.)

NEED ANOTHER MAILBOX? . . . . . 2

FREE REGISTRATION FOR PC EXPO VIA MCI MAIL . . . . . 3

ELECTRONIC BILLING OPTION . . . . . 4

MCI MAIL AND COMPUSERVE GO X.400 . . . . . 5

FINDING A FAIR AIR FARE . . . . . 7

DOW TOWN . . . . . 8

COMMUNICATIONS SOFTWARE FOR THE HEARING IMPAIRED . . . . . 9

POWER USER . . . . . 10

TILL NEXT TIME . . . . . 11

>>>>>>>>>>>>>>>>>>>>
NEED ANOTHER MAILBOX?
>>>>>>>>>>>>>>>>>>>>
The NEWUSER script has been used by hundreds of people to set their friends, associates and clients up on MCI Mail, add new mailboxes to existing accounts, or to request information on behalf of a colleague.

We are delighted to inform you that the NEWUSER script has been completely revised. The revisions are now allowing us to set mailboxes up quicker than ever, and to get the needed account information back to the new user within hours!

If you have a friend across town, or in another country who wants to benefit from electronic mail, or if you know of someone who tediously sends faxes out from a fax machine and is looking for a better way, or someone who sends letters and memos by overnight courier and would like to save some money, you can help them by introducing them to MCI Mail.

To use this feature, at the Command; prompt, type:

CREATE USING NEWUSER {ENTER}

Answer all questions, and follow the instructions at the end of the SCRIPT. You will be notified when the new mailbox/account is active.

Note. . . If you access MCI Mail via Lotus Express, or a LAN gateway, you may send the name, address and phone and fax number of the referral to mailbox 218-0241, or you may fax this information to 212-787-2416. We will contact them immediately and arrange for the account or mailbox.

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
FREE REGISTRATION FOR PC EXPO VIA MCI MAIL
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

PC EXPO, scheduled for June 29 through July 1, 1993 at the Jacob K. Javits Convention Center in New York City is the premier international computer show for corporate volume buyers and trade resellers. With more than 800 exhibitors and a show floor spanning three levels of the Javits Center, PC EXPO will encompass the latest computer hardware and software products, including a special Windows/PM pavilion, showcasing graphical user interface (GUI) applications as well as other products, such as portable and pen-based computing, multimedia and connectivity.

PC EXPO will also offer eight in-depth tutorials covering the most current computer hardware, software, and management trends on June 28. PC EXPO in New York has been designated a Foreign Buyer Event by the U.S. Department of commerce and will be actively promoted by 225 U.S. Embassies around the world.

You may register on MCI Mail to receive a complimentary exhibits-only pass.

Log into your MCI Mail account interactively. At the Command; prompt, type:

CREATE USING PC EXPO NY93

Fill in the information requested by the script. Your registration information will automatically be sent to PC EXPO.

>>>>>>>>>>>>>>>>>>>>>>>>
ELECTRONIC BILLING OPTION
>>>>>>>>>>>>>>>>>>>>>>>>

Are you using PROJECT IDs to charge back your messaging costs to various departments in your organization? Do you use CHARGE CODEs to help bill your clients for expenses? Are you using the bottom line of the monthly invoice to prove to your boss that MCI Mail is really less expensive than fax or phone? Then documenting your costs is a must.

Until now, your monthly invoice was available only in a hardcopy or magtape format. Copying the numbers from the hardcopy invoices can easily results in errors, and *very* few PCs include mag tape drives.

On June 1, MCI announced enhancements to the MCI Mail invoice that will provide you with options to automatically receive itemized message detail, high-level service summaries, and/or individual subscriber detail for any user on a personal or company account. These capabilities will allow you to better understand, manage, and allocate your MCI Mail traffic for your organizations. In addition, a new larger page format will enhance the readability of the invoice.

You may order your invoices itemized on account and user level detail for all message delivery services, (electronic mail, fax, telex, paper and courier delivered letters); special features such as bulletin boards, scripts, and Dow Jones News/Retrieval; fees and other services. If you do not request itemized detail, you will continue to receive account summary level information on the invoice.

If you would like to order the monthly report service, you need to supply the following information:

Customer Number
Mailing Address (no P.O. boxes)
Contact Name and Phone Number
Beginning traffic period (June, July, etc.)

There is a one time startup charge, plus a monthly production fee, based on the requested format of the data.

Please send a toll free request to 234-9875 if you would like more information.

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
MCI MAIL AND COMPUSERVE GO X.400
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

The lead article in the PEN Newsletter #6 started off with:
"Now, you can exchange electronic mail
with CompuServe subscribers! "

While that does not sound too exciting now, seven years ago, it represented a revolutionary move by MCI and CompuServe. Until that time, all commercial e-mail systems were closed. That meant that if you subscribed to MCI Mail, you could only send messages to other MCI Mail subscribers. Friends on CompuServe, The Source (remember them?) and other e-mail services were all out of reach.

In March 1986, MCI and CompuServe announced a gateway between the two services, that allowed subscribers to send messages to each other. Since this was the first such interconnection between commercial carriers, MCI and CompuServe used MCI Mails proprietary MEP II protocol to exchange messages. It was not until two years later that the X.400 standards, now used for such interconnections, were accepted by the industry and implemented.

The original connection to CompuServe had a few restrictions, including a limit on the size of the message (50K), it only supported text messages and it did not allow for communications with remote users who did not have ONRs.

To remedy these limitations, MCI Mail and CompuServe are now using the

X.400 industry standard for exchanging messages and files. This offers:

Compliance with the international messaging standard and support for future X.400 enhancements

CompuServe users can now reach non-ONR remote users on MCI Mail

Binary files, as well as text files may now be exchanged. However, CompuServe subscribers are not able to send messages containing both a binary and ASCII body parts.

Larger files, up to 2 megabytes may now be transmitted from MCI Mail to CompuServe. CompuServe still limits outbound messages to 50K. (Between MCI Mail subscribers, the limit is 14 megabytes)

Because MEP II and X.400 used two different addressing formats, you will need to update your distribution lists to reflect the new format. Until now, MCI Mail users sent to CompuServe by entering the recipient's name at the TO prompt, "CompuServe" at the EMS prompt, and the CompuServe user ID number at the MBX prompt. For example:

```
TO:  Pat Messageuser              TO:  Pat Messageuser
EMS: CompuServe          OR       EMS: CompuServe
MBX: 99999,999                    MBX: [99999,999]
```

The new X.400 format, displayed below uses a slightly different format:

```
TO:  Pat Messageuser              TO:  Pat Messageuser
EMS: CompuServe          OR       EMS: CompuServe
MBX: P=CSMail                     MBX:P=CSMAIL^D=ID=99999,999^C=US
MBX: DDA=ID=99999,999
MBX: C=US
```

In short, CompuServe now requires the below information:

| Field | Value |
|---|---|
| Country | US |
| ADMD Name | CompuServe |
| PRMD Name | CSMail |
| Domain Defined Attribute | ID=(user ID) |

CompuServe does not use the following optional X.400 fields:

Organization
Organizational Units
Surname
Given Name
Initials
Generational Qualifier

Since MCI Mail requires a surname, users may enter the CompuServe recipient's surname at the TO prompt. However, it is ignored by the CompuServe system. CompuServe will identify the recipient by the ID value in the DDA field.
All mail sent from CompuServe to MCI Mail will show a "From:" field containing "X.400 ORIGINATOR" instead of the senders name. This

limitation exists because CompuServe does not use senders name in an address.

Mail sent from CompuServe to your MCI Mailbox may be addressed using the following X.400 addressing information:

```
C=US
A=MCI
S=Smith        <---- your last name
D=ID=999-9999  <---- your MCI ID
```

>>>>>>>>>>>>>>>>>>>>>>
FINDING A FAIR AIR FARE
>>>>>>>>>>>>>>>>>>>>>>

If you think that locating the best airfare is about as challenging as deciphering tax forms, you should let MCI Mail give you a Travel Edge.

Travel Edge's E-TRAVEL LINK is an "agentless" reservation system that links corporate clients or outside agents to a sponsoring travel agency through the "E-MAIL LINK" main computer in St. Louis, Mo. All communications to and from the main computer are transmitted by MCI Mail.

What makes E-Travel Link (ETL) unique is that upon receiving a request from your corporations travel system, ETL searches every fare in every market requested. ETL can "interpret" approximately 200 fares per second. ETL can interpret all applicable, policy and preference compliant fares in the computer reservation systems. The whole process of sending a travel request via MCI Mail and receiving complete options takes just under three minutes.

Travel Edge's software runs under DOS, Windows, or Unix.

ETL is the only reservation system that:

-truly is "agentless",

-returns full disclosure on every fare in every market,

-passes exception codes and reports (states why someone decided not to travel or use a certain fare,

-scans every tariff and provides negotiated rates,

For additional information on Travel Link, please send a message to Tom Blakeley at MCI ID: 569-8318.

Now if only someone could make tax forms this easy......

>>>>>>>>
DOW TOWN
>>>>>>>>
On May 7, 1993, the New York Times reported that 17 companies, including Gannett, Knight-Ridder, Times Mirror, Tribune, Hearst, IBM, Capital Cities/ABC and Bell South were exploring the use of electronic news delivery.

While they continue to look into the future use of this technology, you can continue to use it right now on MCI Mail.

Two options available from Dow Jones, via MCI Mail, provide access to major print and wire news stories:

//TEXTM is a full text retrieval service from Dow Jones that allows you to locate and down load articles of interest by selecting the exact topic, date[s], and publication or wire service[s] you want. By simply entering key words such as CLINTON, TAX and CONGRESS, you can locate hundreds of articles that explore all aspects of the current budget talks and their impact on you.

//CLIP is a news clipping service that uses a personalized profile to identify news articles that match your interest, and forwards them directly to your MCI Mailbox daily. A similar service is also available from Individual Inc.

For additional information on either of these services, please send a toll free message to mailbox 234-9875.

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
COMMUNICATIONS SOFTWARE FOR THE HEARING IMPAIRED
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Future Soft Engineering's DynaComm 3.1, is a communications package that is designed specifically for the corporate Windows user who requires ease-of-use and full flexibility in a computing environment.

Although DynaComm is a general purpose communications program in the same genre as Procomm, Crosstalk and Telix, this is the only program that we have encountered that attempts to make modem communications a bit easier for the hearing-impaired. DynaComm 3.1 ships with dynamic icons that mirror the audible signals made by modems.

For example, a user trying to log onto a MCI Mail will see icons representing a dialing, a broken connection, connection in progress or connection to a recording. Located next to the dialer button in the dialer, the visual-feedback icons complement DynaComm's interface without interfering with screen elements such as dialog boxes or controls.

For additional information about DynaComm, please send a message to Alexander Communications at MCI ID: 323-0259

>>>>>>>>>>>
POWER USER
>>>>>>>>>>

Suggestion #1:
==========
When you go on vacation this summer, don't let your e-mail languish in your mailbox. You can use MCI Mails AutoForward service to forward your mail to your associate for immediate followup. Please send a toll free message to 234-9875 if you have any questions about AutoForwarding mail.

Suggestion #2:
==========
If you are an MCI Mail Express user, you already know that you start MCI Mail Express by typing MME at the DOS prompt.

This command starts up the communications driver, as well as the front end "reader" program containing the text editing, spell checking and filing systems.

What you may not know is that you can load the communications driver separately, and leave it running in the background while you are running your other daily applications.

The best way to do this is to include the line
\EXPRESS2\DRIVER
in your AUTOEXEC.BAT file. This loads the communications program (a 36K TSR) at startup and keeps it in RAM until you shut down the system or remove the driver with the command: \EXPRESS2\DRIVER /X.

When you wish to compose or read a message, simply type:
\EXPRESS2\EX2
to start the front end "reader" program. When you have finished reading and writing your messages, you may exit from EX2 program, and start up new applications, such as word processing, spreadsheet or database programs. The communications driver will remain in memory, periodically uploading and downloading messages and files from MCI Mail in the background.

If any messages are received, the driver will beep to let you know.

>>>>>>>>>>>>>>
TILL NEXT TIME
>>>>>>>>>>>>>>
Gary.......
MCI Mail Agency NY4
MCI ID# 218-0241
Fax: 212-787-2416
Telex: 6502180241
Tel No. 212-724-9785

| | | | |
|---|---|---|---|
| Gary Oppenheimer | Sales Office | 212-724-9785 | MCI ID:218-0241 |
| Carol Hayes | Customer Support | 301-695-5378 | MCI ID:234-9875 |
| MCI Mail NY4 | Fax Number | 212-787-2416 | |